What is Claimed is:

[c1]	A computerized method of calculating a custom die price, comprising:
	providing an interface for designating base parameters;
	selecting a base die based on the base parameters;
	creating a reference die based on a design methodology and the base
	parameters;
	calculating a complexity factor based on designated custom parameters
	and the reference die; and
	calculating the custom die price based on the base die, the custom
	parameters and the complexity factor.

[c2] The method of claim 1, wherein the base parameters include a technology, an X-dimension, a Y-dimension and a number of levels of metal.

[c3] The method of claim 1, wherein the selecting step includes:

providing a set of possible base dies based on the designated chip

parameters; and selecting the base die from the set of possible base dies.

The method of claim 1, wherein the reference die is a most complex die available based on the designated base parameters.

The method of claim 1, wherein the custom parameters include a core, an oxide level, a solder type, a cell logic circuit count, register array parameters and memory parameters.

[c6] The method of claim 1, wherein the calculating a complexity factor step includes:

creating a custom die having the base parameters and the custom parameters;

determining a custom die yield;

determining

a reference die yield; and

dividing the custom die yield by the reference die yield to provide the complexity factor.

[c7] The method of claim 1, wherein the calculating the custom die price step

[c4]

[c5]

includes:

calculating a base die price for the base die;
providing the custom die price by modifying the base die price based on
the custom parameters; and
adjusting the custom die price using the complexity factor.

- [c8] The method of claim 1, further comprising calculating a chip price based on the custom die price and designated package parameters.
- [c9] The method of claim 8, further comprising:

 designating a chip quantity; and

 adjusting the chip price based on the chip quantity.
- [c10] A computerized method of calculating a custom die price, comprising:

 designating base parameters;

 calculating a base die price based on the base parameters;

 creating a reference die based on a design methodology and the base parameters;

creating a custom die by designating custom parameters; calculating a complexity factor based on the custom die and the reference die; and calculating the custom die price based on the base die price, the custom die and the complexity factor.

- [c11] The method of claim 10, wherein the designating step includes:

 providing a set of possible base dies; and

 selecting a base die from the set of possible base dies.
- [c12] The method of claim 11, wherein the designating step further includes selecting a first base parameter, wherein each possible base die includes the first base parameter.
- [c13] The method of claim 10, wherein the calculating a complexity factor step includes:

determining a custom die yield based on the custom die; determining a reference die yield based on the reference die; and dividing the custom die yield by the reference die yield to provide the complexity factor.

[c] 4] The method of claim 10, wherein the calculating the custom die price step includes:

modifying the base die price based on the custom parameters to provide the custom die price; and adjusting the custom die price using the complexity factor.

- [c15] The method of claim 10, further comprising calculating a chip price based on the custom die price and designated package parameters.
- [c16] The method of claim 15, further comprising:

 designating a chip quantity; and

 adjusting the chip price based on the chip quantity.
- [c17] A system for determining a custom die price, comprising:
 - a base die system for designating base parameters;
 - a reference die system for creating a reference die based on the base parameters and a design methodology;
 - a custom die system for designating custom parameters;
 - a complexity system for calculating a complexity factor based on the custom parameters and the reference die; and
 - a calculation system for calculating the custom die price based on the base parameters, the custom parameters and the complexity factor.
- [c18] The system of claim 17, further comprising a packaging system for calculating a chip price based on the custom die price and designated packaging parameters.
- [c19] The system of claim 18, further comprising a volume system for adjusting the chip price based on a designated quantity.
- [c20]
 A computer program product comprising a computer useable medium having computer readable program code embodied therein for determining a custom die price, the program product comprising:

program code for designating base parameters;

[c22]

[c23]

program code for calculating a base die price based on the base parameters;

program code for creating a reference die based on a design methodology and the base parameters;

program code for creating a custom die by designating custom parameters;

program code for calculating a complexity factor based on the custom die and the reference die; and

program code for calculating a custom die price based on the base die price, the custom die and the complexity factor.

[c21] The computer program product of claim 20, wherein the program code for designating base parameters includes:

program code for providing a set of possible base dies; and program code for selecting a base die from the set of possible base dies.

The computer program product of claim 21, wherein the program code for designating base parameters further includes program code for selecting a first base parameter, wherein each possible base die includes the first base parameter.

The computer program product of claim 20, wherein the program code for calculating a complexity factor includes:

program code for determining a custom die yield based on the custom die; and program code for determining a reference die yield based on the reference die.

[c24] The computer program product of claim 20, wherein the program code for calculating a custom die price includes:

program code for calculating a custom die price for the custom die using the base die price and the custom die; and program code for adjusting the custom die price using the complexity factor.

- [c25] The computer program product of claim 20, further comprising program code for calculating a chip price based on the custom die price and designated package parameters.
- [c26] The computer program product of claim 20, further comprising:

 program code for providing an interface for designating a chip quantity;

 and

 program code for adjusting the chip price based on the chip quantity.